

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7319	118/715.ccls. 118/733.ccls. 156/345.29.ccls.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/19 11:48
L2	139	1 and flange same passage	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/19 11:48
L3	29	1 and flange same passage same (retain\$3 hook hold\$3 attachment)	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/19 11:49
L4	1	:3 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/10/19 11:49
L5	105	:2 and (@ad<="20031024" @rlad<="20031024")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/19 11:50
L6	21	:3 and (@ad<="20031024" @rlad<="20031024")	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/19 11:50
L7	84	:5 not 6	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/19 11:56
S1	1	"10576940"	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 09:51
S2	2	("5329095").PN.	US_PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 09:53
S3	32	("4943234").PN. OR ("5329095").URPN.	US_PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 09:55

S4	0	2003-257958	JPO	OR	OFF	2008/03/06 10:04
S5	1	"2003257958"	JPO	OR	OFF	2008/03/06 10:04
S6	13	tokyo adj electron.as. and wafer adj boat same quartz	JPO	OR	OFF	2008/03/06 10:38
S7	12	S6 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/03/06 10:38
S8	215	tokyo adj electron.as. and wafer adj boat same quartz	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 10:38
S9	12	S8 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/03/06 10:39
S10	11	applied adj materials.as. and wafer adj boat same quartz	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 10:42
S11	0	S10 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/03/06 10:42
S12	34	(tokyo adj electron.as.) and wafer adj boat same cool\$3 same heat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 10:43
S13	2	S12 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/03/06 10:43
S14	0	(applied adj materials.as.) and wafer adj boat same cool\$3 same heat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 10:45
S15	147	wafer adj boat same cool\$3 same heat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 10:56
S16	14	S15 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/03/06 10:57
S17	218	(tokyo adj electron.as.) and wafer adj boat same (flange cover lid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 11:00

S18	11	S17 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/03/06 11:00
S19	2	"5368648".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 11:05
S20	47	("2726882" "3116932" "3144035" "3328039" "4372565" "4487161" "4513978" "4561662" "4641603" "4726689" "4840139" "5016567" "5133561" "5133986").PN. OR ("5368648").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 11:07
S21	28	("20010017294" "2391970" "3223498" "3541293" "3658585" "3868106" "4040372" "4588660" "4591374" "4920917" "5028250" "5248349" "5368648" "5372646" "5413671" "5470397" "5536333" "5589007" "5614249" "5772715" "5921559" "5938851" "5945163" "6037241" "6236021").PN. OR ("6719848").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 11:29
S22	6	("5133561" "5368648" "5533736").PN. OR ("6283175").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 11:42
S23	50	("2248385" "2726882" "2888879" "3116932" "3144035" "3328039" "3699298" "3817540" "4146237" "4361335" "4372565" "4406458" "4513978" "4561662" "4565378" "4641603" "4726689" "4735421" "4799692" "4896890" "4950870" "5133561" "5230521" "5240263" "5308955" "5329095" "5359148" "5368648").PN. OR ("5533736").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 11:45
S24	32	("4943234").PN. OR ("5329095").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 11:57
S25	23	("4926793" "5029554" "5127365" "5171972").PN. OR ("5308955").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 12:32

S26	29	(US-6589349-\$ or US-6259061-\$ or US-6190460-\$ or US-5942038-\$ or US-5368648-\$ or US-6988886-\$ or US-6805201-\$ or US-6719848-\$ or US-5921559-\$ or US-6435775-\$ or US-6338491-\$ or US-5533736-\$ or US-5329095-\$ or US-6444940-\$ or US-5884917-\$ or US-5308955-\$ or US-6101844-\$ or US-5903711-\$ or US-4799692-\$ or US-4641603-\$ or US-5133561-\$ or US-6000422-\$ or US-5632820-\$ or US-5578132-\$).did. or (JP-2002313787-\$ or JP-2002299269-\$ or JP-04005820-\$ or JP-2000114193-\$ or JP-09082656-\$).did.	USPAT; JPO	OR	OFF	2008/03/06 12:52
S27	8	S26 and (flange lid cover) same quartz same (metal steel stainless)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 12:53
S28	2	"5329095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 13:04
S29	32	(tokyo adj electron.as.) and (flange lid cover) same mirror adj finish\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 13:10
S30	0	S29 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/03/06 13:10
S31	10	S29 and (@ad<="20031024" @rlad<="20031024")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 13:10
S32	6	tokyo adj electron.as. and wafer adj boat and boss	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 13:34
S33	6	S32 and (@ad<="20031024" @rlad<="20031024")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 13:35

S34	10	tokyo adj electron.as. and wafer adj boat and flange same resin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 13:41
S35	10	S34 and (@ad<="20031024" @rlad<="20031024")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 13:42
S36	5	tokyo adj electron.as. and wafer adj boat and (pan tray) same liquid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:10
S37	5	S36 and (@ad<="20031024" @rlad<="20031024")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 14:11
S38	11	("5054210" "5142873" "5246023" "5369891" "5443540" "5520744").PN. OR ("5671544").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 14:13
S39	7	tokyo adj electron.as. and (resin same insert)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/06 14:17
S40	7	S39 and (@ad<="20031024" @rlad<="20031024")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/06 14:17
S41	2	"5329095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/07 06:28
S42	2	"6283175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/07 07:28
S43	1	"10576940"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/07 08:27

S44	2	"6283175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/06 15:00
S45	3	tokyo adj electron.as. and wafer adj boat and Boss same (vacuum hole aperture pipe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/06 15:12
S46	0	S45 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/06/06 15:12
S47	8	("5016567" "5127365" "5324540").PN. OR ("6030457"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 15:16
S48	9	("5016567" "5484484" "5750436" "6030457" "6235121" "6403926" "6448536" "6527865").PN. OR ("6712909").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 15:18
S49	4	("5960158" "6172337").PN. OR ("6403926").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 15:21
S50	23	("5016567" "5116784").PN. OR ("5750436").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 15:25
S51	4	water adj boat and Boss same (vacuum hole aperture pipe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/06 15:38
S52	0	S51 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/06/06 15:38
S53	688	process\$3 adj (chamber apparatus) and Boss same (vacuum hole aperture pipe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2008/06/06 15:48
S54	1	S53 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2008/06/06 15:48
S55	1	"6030457".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2008/06/06 15:58
S56	2	"6283175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/14 14:08
S57	2	"5308955".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/14 14:18
S58	2	"6030457".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/14 14:25

S59	49	(US-6589349-\$ or US-6259061-\$ or US-6190460-\$ or US-5942038-\$ or US-5368648-\$ or US-6988886-\$ or US-6805201-\$ or US-6719848-\$ or US-5921559-\$ or US-6435775-\$ or US-6338491-\$ or US-5533736-\$ or US-5329095-\$ or US-6444940-\$ or US-5884917-\$ or US-5308955-\$ or US-6101844-\$ or US-5903711-\$ or US-4799692-\$ or US-4641603-\$ or US-5133561-\$ or US-6000422-\$ or US-5632820-\$ or US-5578132-\$ or US-6369361-\$ or US-6030457-\$).did. or (US-6863732-\$ or US-6231290-\$ or US-5370142-\$ or US-5236181-\$ or US-5207573-\$ or US-5671544-\$ or US-RE40046-\$ or US-6334983-\$ or US-6712909-\$ or US-6403926-\$ or US-5750436-\$ or US-6524650-\$ or US-6248672-\$ or US-6171104-\$ or US-5016567-\$ or US-6142773-\$).did. or (JP-2002313787-\$ or JP-2002299269-\$ or JP-04005820-\$ or JP-2000114193-\$ or JP-09082656-\$).did. or (JP-04106392-\$ or US-5133561-\$).did.	USPAT; JPO; DERWENT	OR	OFF	2008/11/14 14:28
S60	10	S59 and lid same (flange extension)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/14 14:28
S61	29	("2248385" "2726882" "3116932" "3144035" "3328039" "3699298" "3817540" "4361335" "4372565" "4513978" "4561662" "4641603" "4726689" "4950870" "5133561" "5230521" "5308955" "5329095" "5359148" "5368648" "5484483").PN. OR ("5884917").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/11/14 14:30
S62	2	S59 and lid same (boss)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/14 14:40
S63	1	"07029841"	JPO	OR	OFF	2008/11/15 04:34

S64	1	"2003257958"	JPO	OR	OFF	2008/11/15 04:35
S65	2	"6283175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/01 17:36
S66	2	"2003257958" "07029841"	JPO	OR	OFF	2009/06/02 07:57
S67	4	chandra-sa\$.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 08:47
S68	1	"10990100"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 09:25
S69	2	"20030038111"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 10:01
S70	26	"6558505".pn. "6245152".pn. "5531835".pn. "6027604".pn. "2005005398".pn. "20050092439" "20030140850" "6248176".pn. "20060090706" "20060005767"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 10:04
S71	2	"6148176".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 10:38
S72	2	"6248176".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 10:38
S73	4	"03132056"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/02 10:51
S74	1	"03132056"	JPO	OR	OFF	2009/06/02 10:51
S75	1	"10335199"	JPO	OR	OFF	2009/06/02 10:53
S76	1	"2005005398"	JPO	OR	OFF	2009/06/02 10:54
S77	543	processing adj (apparatus chamber) and knurl\$3	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 10:57

S78	1	S77 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/06/02 10:58
S79	544	processing adj (apparatus chamber wall ring) and knurl\$3	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 11:00
S80	1	S79 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/06/02 11:00
S81	545	processing adj (apparatus chamber wall ring liner) and knurl\$3	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 11:00
S82	1	S81 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/06/02 11:01
S83	68155	(apparatus chamber wall ring liner) and knurl\$3	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 11:01
S84	38640	(apparatus chamber wall ring liner) same knurl\$3	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 11:01
S85	247	S84 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/06/02 11:02
S86	287	(apparatus chamber wall ring liner) same knurl\$3 and (wafer substrate)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 11:02
S87	2	S86 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/06/02 11:02
S88	76263	(apparatus chamber wall ring liner) same (knurl\$3 textur\$3)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 11:03
S89	918	S88 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/06/02 11:03
S90	38294	(apparatus chamber wall ring liner) same (textur\$3)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 11:38
S91	7898	(apparatus chamber wall ring liner) same (textur\$3) and (wafer substrate)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/02 11:39
S92	38	S91 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/06/02 11:39
S93	7848	(apparatus chamber wall ring liner) same (textur\$3) and (wafer substrate)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 11:39
S94	0	S93 and (@ad<="20031024" @rlad<="20031024")	JPO	OR	OFF	2009/06/02 11:39
S95	7965	(apparatus chamber wall ring liner) same (textur\$5) and (wafer substrate)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 11:40
S96	6014	S95 and (@ad<="20031024" @rlad<="20031024")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 11:41

S97	103	processing adj (apparatus chamber wall ring liner) same (textur\$5) and (wafer substrate)	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 11:41
S98	58	"S97 and (@ad<="20031024" @rlad<="20031024")	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 11:42
S99	2	"6558505".pn. "20050098427" "2004/0206804 2003/0185965	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 11:53
S100	2	"6558505".pn. "2005/0098427" "20040206804" 2003/0185965	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 11:54
S101	3	"6558505".pn. "20050098427" "20040206804" 2003/0185965	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 11:54
S102	1	"6375753".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/02 12:03
S103	4	"11143179"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 06:55
S104	2	"6283175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 07:43
S105	1	"07029841"	JPO	OR	OFF	2009/06/04 07:49
S106	0	"6283175".pn.	JPO	OR	OFF	2009/06/04 08:19
S107	1	"6283175".pn.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/06/04 08:20
S108	1	"11556758"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:06
S109	2	"5329095".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 12:11
S110	1	"070298841" "2003257958"	JPO	OR	OFF	2009/10/02 09:13
S111	0	"070298841"	JPO	OR	OFF	2009/10/02 09:14
S112	1	"07029841"	JPO	OR	OFF	2009/10/02 09:15
S113	2	"07029841" "2003257958"	JPO	OR	OFF	2009/10/02 09:15
S114	3	"6030457".pn. "6283175".pn."5329095".pn.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/10/02 09:30

S115	2	"5884917".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/15 14:38
S116	2	"5884917".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/10/16 15:53
S117	94331	tokyo adj "electron.as.and" boat	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/10/19 06:35
S118	816	tokyo adj electron.as. and boat	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/10/19 06:35
S119	650	S118 and (@ad<="20031024" @rlad<="20031024")	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2009/10/19 06:36
S120	1	"04133317"	JPO	OR	OFF	2009/10/19 09:03
S121	1	"04026115"	JPO	OR	OFF	2009/10/19 09:49

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	25973	iflange and passage and (retain\$3 hook hold\$3 attachment) and (vacuum exhaust)	USPAT; UPAD	OR	OFF	2009/10/19 12:29
L9	25829	iflange and passage and (retain\$3 hold\$3 attachment) and (vacuum exhaust)	USPAT; UPAD	OR	OFF	2009/10/19 12:30
L10	1019	Processing adj (chamber apparatus) and flange and passage and (retain\$3 hold\$3 attachment) and (vacuum exhaust)	USPAT; UPAD	OR	OFF	2009/10/19 12:30
L11	957	10 and (@ad<="20031024" @rlad<="20031024")	USPAT; UPAD	OR	OFF	2009/10/19 12:30
L12	37	Processing adj (chamber apparatus) and (first adj flange) and second adj flange and passage and (retain\$3 hold\$3 attachment) and (vacuum exhaust)	USPAT; UPAD	OR	OFF	2009/10/19 12:31
L13	35	12 and (@ad<="20031024" @rlad<="20031024")	USPAT; UPAD	OR	OFF	2009/10/19 12:32
L14	4	chandra-satish.xa.	US-PGPUB; USPAT; UPAD	OR	OFF	2009/10/19 13:06

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